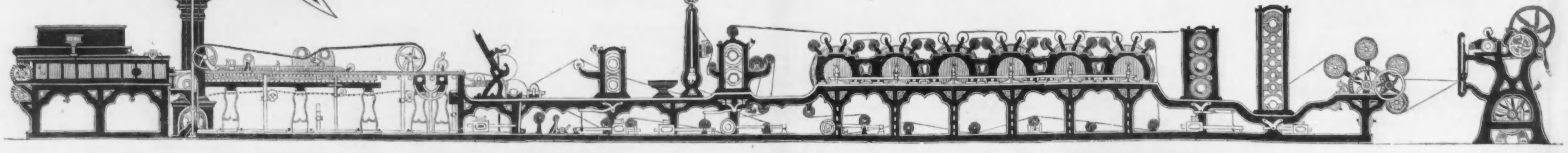
THE PAPER TRADE JOURNAL.



VOL. II. NEW YORK: JUNE 15, 1873. NO. 26.

SUPPLEMENT.

Stationery Department.

With our present issue we begin the publication of a Stationery Department, which will be made a permanent feature of THE JOURNAL in future, and the object and nature of which hardly needs any explanation. The fact that hitherto no periodical has attempted to give a full and trustworthy survey of the market for stationery in this country, and that so large and important an interest has no fit organ in America, is sufficient reason for the establishment of the present department. In England there are several able periodicals devoted to this field, and we propose to lay before American readers the same class of information as they supply to the English trade.

It will be our aim in all cases to give the actual prices at which goods can be bought of importers and jobbers in this city. The prices will be corrected in every issue, so that our distant subscribers can keep as well posted in regard to the market as the dealers in and around the city. Our Market Review will be full, detailed, and accurate. We shall also endeavor to give a detailed account of all the novelties of the trade up to the time of going to press.

Any information our subscribers may wish to obtain in regard to grades will be cheerfully given, and prompt replies will be made to all inquiries addressed to us on the subject.

MARKET REVIEW.

The Stationery trade, since the first of the year, has been very dull. Every one seems to have been buying from hand to mouth, although the business for the last two months has been much larger than for the corresponding months of last year, so that the aggregate of the year's sales to July 1 will be about the same as for last year, while the profits in most cases have been better.

The manufacturers and importers were very slow in their movements for the spring trade, and there have been very few new goods in the market. Those importers, however, who took courage and ordered out new goods, especially Russia Leather Belts and Bags, Oxydized Goods, &c., have done very well indeed, for the demand has been great. We know of one importing house who opened, a few days since, a large invoice of these goods in the morning, and before noon every piece was sold.

There are, we believe, no Vienna Belts or Bags in the hands of the importers of this city.

The stock of Photograph Albums for the fall trade promises to be of unusual variety, running from $2 per dozen up to as high as one wishes to go, with intermediate grades to suit all pockets.

Among the articles introduced to the trade with this new year are the Southworth Inks—an English blue-black Ink of a better grade than Blackwood's—sold at a very little advance in price. It is controlled in this country by the Schenck Tag Company. This company have also lately gone into the manufacture of Merchandize Tags, and are offering their goods at much lower prices than the market rates.

Speaking of Ink reminds us that the Magic Inkstand is just being introduced here by one of our prominent importers. The style already shown is the same as the old-fashioned Counting-house Inkstand, and the magic part consists in the fact that, if you drop pure water in the small opening of the stand, it will rise in the larger well a nice black ink. These stands are warranted to produce Ink enough to write one letter each day for 100 years. Various fancy styles of Stands will be made, and they can be procured in any color of ink desired—Black, Copying, Carmine, Violet, or any other shade that Fashion, with her fastidious taste, may prefer to match the delicately perfumed and tinted stationery on which ladies send their little notes of gossip, invitation, condolence, or regret.

The most fashionable tints of these papers at present seem to be West Point Cadet, Court Grey, Celestial Blue, Opal, Teinte de Colombe and Bougeatre, and our friend Brainbridge has matched all these beautiful shades in his Wedding and Visiting cards, so that now our ladies of fashion can have their favorite colors in every detail. We predict for the visiting cards in the Brainbridge Kid Glove finish a cordial reception from the trade.

Some of our stationers are trying to introduce a new style of envelope to supersede the present [illegible] shape. The new envelope is about six inches long by two wide, and can be had in any of the fashionable tints now running. We doubt, however, if the public are ready as yet to give up the square envelope so quickly, especially the medium size, which seem to be a great favorite with the ladies.

The manufacturers of Fancy Inkstands have been busy all the spring getting out new designs, and their models now are about ready, so that in a few days we may expect to see some new and antique patterns in the market. Among these will be a new pure Bankers' Inkstand, with cut corners, and metal cover finished in bronze or verdi; a very handsome article, costing about ten dollars per dozen. A full line of Library Inkstands, costing from $1.75 to $10 each, are also being manufactured, and will be ready to show by our jobbers in a few days. A fine assortment of Racks in brass, bronze and verdi, for single and double stands, are also nearly completed.

All branches of the trade have waked up to the fact that the fancy stationery business has not been completely dead this spring, and they found on footing up their returns that they had a goodly balance on the profit side of the ledger, and so, picking up courage, they have gone to work in earnest, getting ready for the fall trade, and the result is that the novelties this year will be more numerous than usual, and at a more moderate price.

PRICES CURRENT.

WRITING & DRAWING PAPER, Etc.

WRITING PAPERS.

FIRST CLASS.

...Paper Company—East Hartford Manufacturing Company—Carew Paper Company.

	⅌ lb.
Commercial Note	37½c.
...	40c.
...ts	42c.
...ers and Caps	35c.
...and Bill Cap	35c.

SECOND CLASS.

...and Letter	30c.
...and Legal	31c.
Commercial Note	33c.
...and Billet Notes	35c.

THIRD CLASS.

...and Letter	26c.@28c.
...and Legal	27c.@28c.
Commercial Note	25c.@28c.
	⅌ 10 ko.
...ch Quadrille Papers, No. 6	$2 00
...ch Quadrille Papers, No. 5	2 25
...are French Envelopes, ⅌ M	3 00

FANCY PATTERNS.

...size, 10 ko	$2 70
...size, 10 ko	2 93
...velopes	4 00

FLAT CAPS.

	⅌ lb.
...Class	30c.@35c.
...Class	20c.@30c.
...Class	17c.@20c.

ENGLISH PAPERS.

...Commercial Note, 6 lb	....
Pirie Commercial Note, 7 lb	....
Pirie Commercial Note, 8 lb	....
Pirie Octavo, 5 lb	....
Pirie Octavo, 6 lb	....
Pirie Billets	....

DRAWING PAPERS.

GERMAN.

	⅌ Quire.
Cap, 14×17	30c.
Demy, 15×20	40c.
Medium, 17×22	60c.
Royal, 19×24	80c.
Imperial, in rolls, ⅌ lb., gold	25c.

WHATMAN'S.

	⅌ Quire.
Cap, 14×17	$0 55
Demy, 15×20	0 75
Medium, 18×23	1 00
Royal, 19×24	1 40
Super-royal, 19×17	1 75
Imperial, 22×30	2 25
D Elephant, 27×40	4 50
Elephant, 23×28	2 25
Manilla, in rolls, ⅌ lb	13

TISSUE PAPER.

American White, ⅌ ream	$1 60@2 00
American Colored, ⅌ ream	2 50
English White, ⅌ ream	2 25
English, Assorted Colors, ⅌ ream	3 50

TRACING PAPER.

Medium, ⅌ quire	$1 25
Demy, ⅌ quire	75

TRACING CLOTH.

Sagers, 30 inches, ⅌ roll, gold	$7 40
Sagers, 36 inches, ⅌ roll, gold	8 10
Sagers, 42 inches, ⅌ roll, gold	11 00

BRISTOL BOARDS.

REYNOLDS' AND OTHERS.

	⅌ Doz.
Cap, 2 sheets thick	$0 50
Cap, 3 sheets thick	75
Cap, 4 sheets thick	1 00
Demy, 2 sheets thick	85
Demy, 3 sheets thick	1 25
Demy, 4 sheets thick	1 65
Medium, 2 sheets thick	1 15
Medium, 3 sheets thick	1 75
Medium, 4 sheets thick	2 25

PERFORATED BOARD.

Coarse, Medium, and Fine, ⅌ doz	$2 25
Gold and Silver, ⅌ doz	10 00

BLOTTING PAPER.

White, Red, Pink, Buff, 60, 80, 100, and 120 lbs. to the ream, ⅌ lb	25c.
Octavo Packages, ⅌ doz	75c.

GOLD AND SILVER PAPER.

Plain and Figured, 16×19, ⅌ quire	$1 25
Plain and Figured, 17×22, ⅌ quire	1 75
Plain and Figured, 17×22, gold leaf, ⅌ quire	3 00

MUSIC PAPER.

Demy, 8×10, ⅌ ream	$4 50
Medium, 9×12, ⅌ ream	6 00
Super-royal, 10×15, ⅌ ream	7 50

SUNNYSIDE PAPER.

	⅌ Ream.
Lerman Bath	$2 80
Lerman Note	2 50
Editors' Manuscript	1 20
Contributors' Manuscript	2 00
Authors' Manuscript	2 25

Trade discount.

INITIAL BOXES.

Plain White Paper	13c.
Rose-pink Paper	16c.
Crystal Lake	22c.
De Soto	30c.

ENVELOPES.

Envelopes range in price from $1 10 ⅌ 1,000 for manilla, to $3 75 ⅌ 1,000 for the best 70-lb. White

Price Lists and Samples of any of the manufacturers sent on application.

SEALING-WAX AND WAFERS.

SEALING WAX.

	⅌ lb.
Common Bottle Wax, red and black 10 sticks	20
Superior Bottle Wax, red, green, yellow and black, 10 sticks	30
Fine London, red, in boxes, 20 sticks	60
London Superfine, scarlet, in boxes, 20 sticks	80
Extra Superfine London, scarlet, in boxes, 4, 16, 20 and 40 sticks	$1 00
American Express, scarlet, in boxes, 4 and 8 sticks	1 10
American Congress, scarlet, in boxes, 10 and 20 sticks	1 20
Bankers Specie, scarlet, in boxes, 4 and 8 sticks	1 50
Cabinet, scarlet, in boxes, 40 sticks	2 00
Columbia, scarlet, in boxes, 20 sticks	1 60
Cabinet, black, in boxes, 40 sticks	1 50
Royal Victoria, black, in boxes, 24 sticks	1 10
Extra Superfine, black, in boxes, 40 sticks	1 00
Fancy Tinted, perfumed, ass'd colors, in boxes, 20 sticks	1 50
Fancy Tinted, perfumed, ass'd colors, in boxes, 40 sticks	2 00
Spangled, perfumed, ass'd colors, in boxes, 40 sticks	2 00
Royal Blue, perfumed, ass'd colors, ½ lb. boxes, 40 sticks	2 00
Bridal White, perfumed, ass'd colors, ½ lb. boxes, 40 sticks	2 00
Light Tints, perfumed, assorted, ½ lb. boxes, 40 sticks	2 00

WAFERS.

NOTARIAL SEALS AND NOTARIAL WAFERS.

In neat boxes of 100 each, ⅌ 1000.

Size	0	1	2	3	4	5	6	7	8
Price	$1 50	1 75	2 00	2 25	2 50	2 75	3 00	3 25	3 50

LAWYER'S SEALS, PLAIN AND VANDYKE EDGES.

	⅌ doz. boxes.
Lawyer's Seals, plain edge, in boxes of 100	$1 25

INKS, INKSTANDS, Etc.

DAVID'S WRITING INK.

	⅌ doz.
Black and Blue Writing Ink, 2 oz. Oct. Stands	$ 75
Do do do do, 4 oz. bottles	1 25
Do do do do, 6 oz. bottles	1 50
Do do do do, 8 oz. bottles	2 00
Do do do do, Pint bottles	3 50
Do do do do, Quart bottles	6 00
Do do do do, ½ Gal. bottles	12 00
Do do do do, 1 Gal. bottles	24 00

Maynard Noyes' Ink same price as David's.

CARTER'S INK.

Quarts	$8 00
Pints	5 00
Half Pints	3 00
Four oz	2 00
Cones, ⅌ gross	10 00

DAVID'S COPYING INK.

Copying Ink, 8 oz. stone bottles	3 00
Copying Ink, Pint, stone bottles	5 00
Copying Ink, Quart, stone bottles	9 00
Arnold's Writing Fluid, Quarts, net. gold	4 75
Arnold's Writing Fluid, Pints, net. gold	2 90
Arnold's Writing Fluid, ½ pints, net. gold	1 40
Arnold's Writing Fluid, Stands, net. g. ⅌ gross	6 50
Arnold's Copying Ink, Quarts, net. gold	9 00
Arnold's Copying Ink, Pints, net. gold	5 00

DAVID'S CARMINE.

Carmine Writing Ink, 1 oz. draped stands	2 00
No. 1, 1 oz. Rich Flint Glass	2 50
No. 2, 2 oz. Rich Flint Glass	3 50
No. 1, 1 oz. Rich Flint Glass, Ground Stoppers	3 50
No. 3, 2 oz. Rich Flint Glass, Ground Stoppers	5 00
No. 4, 4 oz. Rich Flint Glass, Ground Stoppers	8 00
No. 5, 8 oz. Rich Flint Glass, Ground Stoppers	15 00
Pints, Rich Flint Glass, Ground Stoppers	24 00
Quarts, Rich Flint Glass, Ground Stoppers	48 00

RED INK.

Red Writing Ink, 1 oz	1 00
Red Writing Ink, 2 oz	2 00

DAVID'S VIOLET INK.

Violet Writing Ink, Octagon Stands	75
Violet Writing Ink, 4 oz	1 25
Violet Writing Ink, 8 oz	2 00
Violet Writing Ink, Pints	3 50
Violet Writing Ink, Quarts	6 00
Assorted Fancy Colored, Rich Flint Glass, 1 oz.	1 00

SOUTHWARK JET BLACK INK.

Quarts	6 00
Casks to hold 6 doz., each	75
Pints	3 50
Casks to hold 12 doz., each	75
Half Pints	2 50
Casks to hold 18 doz., each	75
Red, Blue or Violet	3 50
6 oz	2 00
Casks to hold 18 doz., each	75
4 oz	1 75
Casks to hold 24 doz., each	75
2 oz	1 30
Casks to hold 36 doz., each	75
Red, Blue or Violet	....
Dwarfs, ⅌ gross	3 00
Casks to hold 12 gross	1 00

Subject to trade discount.

BANKERS' INKS, (FIRST QUALITY).

No. 1	$27 00
No. 2	22 50
No. 3	30 00
No. 4	27 00
No. 10	27 00
No. 20	22 50
No. 50	15 00
No. 60, fancy	9 00

SECOND QUALITY.

No. 1	$22 50
No. 2	18 00
No. 3	12 00
No. 4, fancy	5 00
No. 5	6 50
Fancy Inks	5 00@30 00

LIBRARY INKS.

Bronze, each	$1 00@50 00
Wood, each	1 00@15 00

INKSTANDS.

	⅌ doz.
Cocoa Pocket Inks, No. 3	$1 35
Cocoa Pocket Inks, No. 2	1 50
Flat glass, 2½ inch	1 25
Flat glass, 3 inch	1 35
Flat glass, 3½ inch	1 65
Flat glass, 4 inch	2 10

BEST MUCILAGE.

	⅌ doz.
Mucilage, Pints	$7 00
Mucilage, Quarts	13 00
Mucilage, Gallon Jugs	48 00
Mucilage, No. 1, 8 oz. do., met. cap and brush.	6 00
Mucilage, No. 1, 8 oz flat, do. do.	6 00
Mucilage, No. 2, 3 oz. do. do.	2 00
Mucilage, No. 3, 3 oz. do. do.	1 75
Mucilage, 8 oz. do. do.	6 00
Mucilage, Bill Stickers, 3 oz. do. do.	1 50

PENS AND PENCILS.

PEN HOLDERS.

Accommodation, fluted, ⅌ gross	40@ 50
Accommodation, swell, ⅌ gross	..@1 00
French tip, ⅌ gross	..@3 00
Bone, ⅌ doz	75@2 00
Pocket Reversible, each	35@ 60
One gross in box, assorted	..@3 50
One-half gross in box, assorted	..@2 00

LEAD PENCILS.

AMERICAN PENCIL COMPANY.

	⅌ gross.
Black Round Gilt	$5 00
Red Hex. Gilt	6 75
Empire Round Gilt	3 75
Empire Round Gilt, r. h	6 25
Universal Round Gilt	1 75
Universal Round, r. h.	4 00
Universal, Plain Cedar	1 35
Carpenters' Pencils	2 25@8 00

Trade discount.

FABER'S PENCILS (PAYABLE IN GOLD.)

Round Gilt	$4 80
Round Gilt Tipped	6 00
Red Hex	7 00
Hex. Gilt	6 60
Hex. Tipped	8 00
Siberian, 11 grades	....
Finest and Best, 10 grades	....
English, 10 grades	4 80
English Drawing, 7 in box ⅌ doz	4 80
English Drawing, 5 in box, ⅌ doz	4 20
English Drawing, 5 in box, K. & R., ⅌ doz	6 60

EAGLE PENCILS, (PAYABLE IN GOLD).

Black Round Gilt	$4 25
Black Round Ivory Tipped	....
Black Round Rubber Head	....
Black, Red and Blue, best	10 00
Black, Red and Blue, second quality	8 00
Black, Red, Blue and Green, tipped	9 00
Red and Black, polished	....
Plain Cedar, currency	1 60
Office, Round, inserted rubber head	5 00
Office, Octagon, inserted rubber head	6 00

Full list of all above make of pencils on application.

PENS.

Gillott's, No. 303	$1 00
Gillott's, No. 404	60
Gillott's, No. 170	70
Gillott's, Bank	....
Gillott's, No. 351	85
American, Falcon	45
American, Bank	50
American, No. 303	55
American, No. 404	40
American, School	35
Spencerian	1 00
Spencerian, ½ grs	1 10

QUILLS.

Italian, ⅌ dozen boxes	$3 00
Large, ⅌ dozen boxes	4 75
Office, ⅌ dozen boxes	6 00
Congress, ⅌ dozen boxes	12 00

Quills, ⅌ 1,000, from $6 to $48, according to size and quality.

SLATES AND SLATE PENCILS.

SILICATE BOOK SLATES.

FOR SLATE PENCIL.

Pocket, interlv'd, with calendar, 3¼x5¾, ⅌ doz.	$1 80
Companion, interlv'd, gilt title, ⅌ doz	2 52
Quartz, 2 surfaces, 5x8¾ in., ⅌ doz	2 16
Silica, interlv'd, 6 surfaces, 5x8½ in., ⅌ doz	3 60
Mineral, interlv'd, 6 surfaces, 7x11 in., ⅌ doz	7 20

FOR LEAD PENCIL.

Daily memoranda, interlv'd, gilt, 2½x3¾, ⅌ doz.	1 80
Calendar, 5 surfaces, interlv'd, 3x5 in., ⅌ doz	2 16
Every Day, gilt, title, interlv'd, 3x5 in., ⅌ doz	2 52
Minute, gilt, title, 10 surfaces, extra, 3x5, ⅌ doz.	3 60
Cash, ruled and dollar columns, 10 pages, 3¼x5¾ in., ⅌ doz	3 00
Journal, ruled, without dollar lines, 10 pages, 3¼x5½ inches, ⅌ doz	3 60

N. B.—For other styles and sizes, see full catalogue.

"D" SLATES.

Sizes.	Prices ⅌ Doz.	Doz. in Cs.	Price ⅌ Cs.
4×6	$1 30	24	$31 20
5×7	1 50	18	27 00
6×9	2 10	12	25 20
6½×10	2 20	12	26 40
7×11	2 40	10	24 00
8×12	2 90	8	23 20
9×13	3 50	6	21 00
9½×14	4 80	5	24 00

CONTENTS OF ASSORTED CASES.

Sizes.	5×7	6×9	6½×10	7×11	8×12	9×13		⅌ Cs.
No. 1	1½	2	2	3	3	0	Doz.	$28 00
No. 2	3	2	2	2	½	½	Doz.	32 40

EUREKA NOISELESS SLATES.

Sizes.	Prices ⅌ Doz.	Doz. in Cs.	Price ⅌ Cs.
6×9	$3 60	12	$43 20
7×11	4 20	10	42 00
8×12	4 50	8	36 00

CONTENTS OF ASSORTED CASES.

Sizes.	6×9	7×11	8×12	Doz.	⅌ Case.
Case	3½	3	2½	9	$36 45

SLATE PENCILS.

AMERICAN SOAP STONE.

4 inch, in boxes, in cases of 10,000, ⅌ 1,000	$3 50
5 inch, in boxes, in cases of 10,000, ⅌ 1,000	4 50
6 inch, in boxes, in cases of 10,000, ⅌ 1,000	5 00

GERMAN.

6 inch, ⅌ 1,000	$1 25
7 inch, ⅌ 1,000	1 50

GAMES.

BACKGAMMON BOARDS.

Cloth, 2 in nest, ⅌ nest	$3 00@$6 00
Leather, 2 in nest, ⅌ nest	2 25
Leather, 3 in nest, ⅌ nest	3 00
Leather, 2 in extra nest	4 50@ 9 00
Morocco Paper, each	87@ 1 25

CHECKER-MEN.

Box-wood, ⅌ dozen set	$1 75
Turned wood, ⅌ dozen set	1 25

CHESS MEN.

Bone, German, ⅌ dozen set	$6@$15
Wood, German, ⅌ dozen set	9@ 36
Stanton, German, ⅌ dozen set	18@ 36
Best English Bone	10@ 60
Best English Carved	36@120

DOMINOES.

Bone, ordinary quality, ebony back, ⅌ doz	$3@ 15
Bone, good quality, ebony back, ⅌ doz	6@12
Bone, mahogany boxes, ⅌ doz	6@18

PLAYING CARDS.

MANUFACTURED BY A. DOUGHERTY.

Nos.		
1.	Steamboats, assorted star and calico backs	$24
3.	No. 2 Highlanders, assorted star and calico backs	28
4.	Eurekas, assorted star and calico backs	31
9.	Decaturs, assorted star and calico backs	48
12.	Star Eagle, half linen, assorted star and calico backs	72
13.	Star Eagle, pure linen, assorted backs	168
26.	Star Eagle, pure linen, assorted backs, extra quality, (squared)	168
6.	Great Mogul, fancy backs	40
33.	Eagle, American flag back, enameled	54
23.	Decatur, fancy backs, enameled	48
16.	Great Mogul, fancy backs, enameled	54
35.	Great Mogul, (Euchre,) fancy backs, enameled	54
36.	Great Mogul, Solo, fancy backs, enameled	48
17.	Harry the Eighth, fancy backs, super-enam'd	72
30.	Eagle, fancy backs, extra enam'd, in gold	96
31.	Great Mogul, illuminated backs, extra super-enameled	84
34.	Great Mogul, illuminated faces, and backs in gold	130
38.	Great Mogul, cotton-plant backs and gold spots, extra super-enameled	150
40.	Convey Corners	96

In ordering, to avoid mistakes, copy the numbers as expressed in this List.

RULERS, PAPER CUTTERS, Etc.

New Series. CLEGG'S PATENT CONCAVE COMBINATION RULER & PAPER-CUTTER. 1872.

Class and Quality.	Length, 10 inches. each	doz.	Length, 12 inches. each	doz.	Length, 14 inches. each	doz.	Length, 16 inches. each	doz.	Length, 18 inches. each	doz.	Length, 24 inches. each	doz.
A1...	$2 50	$30 00	$3 00	$36 00	$3 50	$42 00	$4 25	$51 60	$5 00	$60 00	To order	
A2...	1 50	18 00	2 00	24 00	2 50	30 00	3 25	39 00	4 00	48 00	To order	
B1...	1 25	15 00	1 50	18 00	1 75	21 00	2 15	25 80	2 50	30 00	$3 50	$42 00
B2...	75	9 00	1 00	12 00	1 25	15 00	1 60	19 20	1 90	22 80	2 50	30 00
C1...	65	7 80	75	9 00	85	10 20	1 10	13 20	1 25	15 00	1 75	21 00
C2...	40	4 80	50	6 00	60	7 20	75	9 00	90	10 80	1 25	15 60
D1...	....	1 75	2 00	....	....	2 40	....	3 00	....	3 60	....	....
D2...	....	1 25	1 50	....	....	1 75	....	2 00	....	....	....	....

New Series. PATENT CONCAVE ("OLD STYLE") RULER AND PAPER-CUTTER. 1872.

Class and Number.	Length, 10 inches. each	doz.	Length, 12 inches. each	doz.	Length, 14 inches. each	doz.	Length, 16 inches. each	doz.	Length, 18 inches. each	doz.	Length, 24 inches. each	doz.
'O. S.' 10	$0 75	$9 00	$0 85	$10 20	$1 00	$12 00	$1 15	$13 80	$1 30	$15 60	$1 75	$21 00
'O. S.' 10	50	6 00	60	7 20	70	8 40	80	9 60	90	10 80	1 25	15 00
'O. S.' 11	40	4 80	50	6 00	60	7 20	70	8 40	80	9 60	1 10	13 20
'O. S.' 13	....	2 20	20	2 40	25	3 00	30	3 60	35	4 20	50	6 00

NOTE.—'O. S.' No. 10 was formerly C ex., *11—C 1., *12—C 2., and *13—D 1.

Trade discount.

SCHOOL RULERS.

Assorted lengths	$0 50@$1 50

RUBBER RULERS.

Size.	Pat. Flexible or flat.	Round.
9 inch	$4 50	....
10 inch	5 00	....
12 inch	5 75	$5 00
14 inch	6 50	5 50
16 inch	7 50	6 00
18 inch	9 00	6 50
21 inch	12 00	....
24 inch	15 00	....

CRAYONS, RUBBERS, &c.

Rubber Bands, ½ inch, ⅌ gross	$1 60@$2 00
Rubber Bands, ¼ inch, ⅌ gross	80@ 1 00
Rubber Bands, assorted, in gross boxes, ⅌ gross	1 30@ 2 50
Blackboard Crayons, ⅌ gross	15
Blackboard Crayons, assorted colors, ⅌ gross	1 25
Stationers' Rubber, 20, 30, 40, 60, 80 pieces to lb., ⅌ lb	65
Diamond	1 00
Faber	1 00
Viyen	2 50
Rubber Heads, for pencils, ⅌ gross	2 00

IVORY FOLDERS.

Plain Standard, ⅌ doz	$1 10@$3 60
Congress, ⅌ doz	3 70@ 9 00

IVORY KNIVES.

Rosewood Handle, ⅌ doz	$3 20@$6 00
Ivory Handle, ⅌ doz	3 61@10 40
Snakewood Handle, ⅌ doz	4 40@10 50

STATIONERY HARDWARE.

BILL-HEAD CASES AND P. O. BOXES.

Bill Head Cases, 50	$5 50
Bill Head Cases, 51	7 25
Bill Head Cases, 52	11 75
Post-office Boxes, 50	5 75
Post-office Boxes, 51	7 50
Post-office Boxes, 52	11 50
Cash Boxes, ⅌ doz., from	22 50@45 50
Tin Paper Cutters, assorted sizes, ⅌ doz	1 40

BRONZED PEN RACKS.

	⅌ doz.
3 Inch Bronzed	$3 00
3½ Inch Bronzed	3 25
4 Inch Bronzed	3 50
4½ Inch Bronzed	3 75
Single Rack	2 75
Double Rack	3 75
Single Stand	3 75
No. 20 for Bankers' Small Inks	5 25
No. 21 for Bankers' Medium Inks	5 75
No. 22 for Bankers' Large Inks	6 25
No. 23 Double new	3 00

BRONZED FILES.

Bronzed Harp File	1 75
No. 9 Bill Files, Straight Wire	2 50
No. 10 Bill Files, Brass Tube, Slide	3 50
Check Cancellers	4 50

BRONZED PAPER WEIGHTS.

No. 10 Bronzed Paper Weights	4 00
No. 11 Bronzed Paper Weights	5 00
10 Inch Steel Check Cutters	3 25
12 Inch Steel Check Cutters	3 50

PAPER WEIGHTS, Etc.

	Gilt.	Plain.
No. 1 Round	$1 50	1 25
No. 2 Round	1 75	1 50
No. 3 Round	2 50	2 25
No. 4 Oval	2 00	1 75
No. 5 Oval	2 50	2 25
No. 6 Oval	3 25	3 00
	Extra.	
No. 7 Oval	2 40	
No. 8 Oval	3 20	
No. 9 Oval	4 50	
Dampening Boxes		5 50
Dampening Bowls		5 00
Enameled Bowls		10 00
Enameled Tubs		6 75
Dampening Tubs		3 00
Check Canceller		4 50

PEN RACKS.

For 3 Inch Flat Inks	1 50
For 3½ Inch Flat Inks	1 50
For 4 Inch Flat Inks	1 50
For 4½ Inch Flat Inks	1 50
For 5 Inch Flat Inks	2 00
For 5½ Inch Flat Inks	2 00
No. 1 Ring Bot. for Whitney's large Inkstand	1 50
No. 2 Ring Bot. for Whitney's small Inkstand	1 50
No. 6 Ring Bot. for Draper's small Inkstand	1 50
No. 7 Ring Bot. for Draper's small Inkstand	1 50

	Gilt.	Plain.
No. 2 Dish Bottom for W. & S.'s improved Metallic Inkstand, each	$2 25	2 00
No. 3 Dish Bottom for W. & S.'s improved Metallic Inkstand, each	2 25	2 00
No. 4 Dish Bottom for W. & S.'s improved Metallic Inkstand, each	2 25	2 00
No. 5 Dish Bottom for W. & S.'s improved Metallic Inkstand, each	2 25	2 00
No. 3 Circular		2 25
No. 14 New French Pattern		2 25
No. 15 New French Pattern		2 75
No. 16 New French Pattern		3 20
No. 18 New French Pattern, Gilt		2 75
No. 19 New French Pattern		4 50
Adjustable for Flat Glass Inks		1 75

BILL FILES.

	⅌ doz.
No. 1 Tinned wire, with screw, paper boxes	1 00
No. 2 Tinned wire, with screw, paper boxes	1 20
No. 2 Extra, paper boxes	1 25
No. 3 Slide with Brass Tube	1 68
No. 4 Harp	87½
No. 5 Harp Small	87½
Pin Cushions	3 00
No. 30 Inkstands, new.....Discount nett 20 p. c.	1 50
No. 50 Weights.........Discount nett 25 and 10.	4 00
Ink Wells..............Discount nett 10½ p. c.	1 25

BOARD CLIPS.

End or Side.	⅌ doz.
Cap Iron	$7 25
Letter Iron	6 25
Note Iron	5 25

Trade discount.

POST-OFFICE SCALES.

No. weighing 9 ounces, each	$3 00
No. 2 weighing 16 ounces, each	4 50

COPYING BOOKS AND PRESSES.

PORCELAIN LETTER PRESS BOARDS.

Small Plain or Fluted	6 00
Large Plain or Fluted	7 50
Water Wells	6 00

COPYING BOOKS.

French, 9×11, ⅌ dozen	$10 00@18 00
French, 10×12, ⅌ dozen	12 00@24 00
Mann's, 9×11, 300 leaves, each	$1 65
Mann's, 9×11, 500 leaves	2 35
Mann's, 9×11, 700 leaves	3 05
Mann's, 9×11, 1,000 leaves	3 75
Mann's, 10×12, 300 leaves	1 90
Mann's, 10×12, 500 leaves	2 60
Mann's, 10×12, 700 leaves	3 30
Mann's, 10×12, 1,000 leaves	4 00

Trade discount.

COPY BRUSHES.

2½ inches, ⅌ doz	$5 00
3 inches, ⅌ doz	6 00
3½ inches, ⅌ doz	8 00
4 inches, ⅌ doz	10 00

Trade discount.

COPYING PRESSES.

To take 9×11 book wheel	$7 25
To take 10×12 book wheel	8 25
To take 10×14 book wheel	10 25

SHIPMAN FILES.

Size.	No. of Leaves.	Paper Sides ⅌ doz.	Cloth Sides ⅌ doz.
9×11	250	$8 00	$9 60
9×12	500	15 00	16 00
10×12	250	8 00	9 60
10×12	500	15 00	16 00
9×13	250	8 00	9 60
9×13	500	15 00	16 00
9×15	250	....	12 00
9×15	500	....	18 00
7×11	250	....	7 00
7×11	500	....	8 80
12½×17	250	....	20 00
12½×17	500	....	26 40
11×15	250	....	12 65
11×15	500	....	20 00
6×9	250	....	7 00

READY REFERENCE FILES.

	⅌ doz.
Small	$1 42
Medium	1 75
Large	2 00

Trade discount.

CARDS AND CARD STOCK.

VISITING CARDS.

(51 Cards in Pack.)

	⅌ doz. packs.
XX Bristol, 1	$1 50
XX Bristol, 2	1 60
XX Bristol, 2½	1 80
XX Bristol, 3	2 00
XX Bristol, 3½	2 12
XX Bristol, 4	2 25
Mill Bristol, 2½	1 00
Mill Bristol, 3	1 25
Mill Bristol, 3½	1 50

CARD STOCK.

	⅌ 1000 sheets, 22×28.
5 Satin	$5 50
6 Satin B	6 50
36 Colored Satin	7 00
16 Printers' Blanks	6 50
17 Extra Printers' Blanks	7 50
18 Fine Printers' Blanks	8 50
19 Heavy Printers' Blanks	10 00
43 B Mill Bristol, thin	7 00
44 B Mill Bristol, medium	8 00
44½ B Mill Bristol, 3 ply	10 00
26 Merchants' Bristol, 3 ply	8 50
27 Post Bristol, 2 ply	12 00
28 Express Bristol, 3 ply	14 00
29 Superfine Bristol, 2 ply	18 00
30 Superfine Bristol, 3 ply	25 00
11 Extra Porcelain	10 00
12 Satin Enameled	13 00
38 Thin Railroad, 10 colors	13 00
39 Thick Railroad, 10 colors	17 00
40 Double Railroad, 10 colors	23 00
14 Fr. Double Enameled, white	20 00
32 Bainbridge, thin	25 00
33 Bainbridge, thick	35 00

TAGS AND LABELS.

SCHENCK'S SHIPPING TAGS.

	⅌ M.
Waterproof, No. 1	$4 25
Waterproof, No. 2	3 00
Waterproof, No. 3	2 75
Waterproof, No. 4	2 25
Waterproof, No. 5	2 00
Waterproof, No. 6	1 75
Waterproof, No. 21	3 75
Waterproof, No. 22	2 85
Waterproof, No. 23	2 50
Waterproof, No. 24	2 15
Waterproof, No. 25	1 90
White, No. 11	4 25
White, No. 12	3 50
White, No. 13	2 75
White, No. 14	2 25
White, No. 15	2 00
White, No. 16	1 75

Trade discount.

MERCHANDISE TAGS.

With strings, according to size and quality, ⅌ 1,000	$1 00@$6 75
Without strings, ⅌ 1,000	30@ 5 50

Trade discount.

GUM LABELS.

Red and Blue, assorted sizes, ⅌ dozen boxes	$1 00

WEDDING STATIONERY.

WEDDING CARDS.

Wedding Cards, square, ⅌ doz. pks	$2 75@$10 00
Wedding Envelopes, square, ⅌ gross	1 90
Wedding Billets, ⅌ ream	4 50
Tying Wedding Cards, ⅌ 100	3 00

ENGRAVING.

Monogram	$3 50@$10 00
Visiting Card Plate, 1 line	1 50
Visiting Card Plate, extra lines, each	50
Reception Plate	7 00@ 15 00
Church Plate	3 50@ 12 00
Printing Billets, ⅌ 100	....
Illuminated Stamping on Billets and Envelopes, ⅌ 100	2 00

MISCELLANEOUS.

STEREOSCOPES.

Rosewood, Imit., Wood, ⅌ doz	$24@$36
Black Walnut, Imit, Wood, ⅌ doz	9
Mahogany	24

THERMOMETERS.

Tin Case, 8 inch, ⅌ doz	$4 25
Tin Case, 10 inch, ⅌ doz	5 00
Tin Case, 12 inch, ⅌ doz	6 00
Mahogany, 10 inch, ⅌ doz	6 50
Mahogany, 12 inch, ⅌ doz	7 25

Ruby Tubes 50c. ⅌ dozen extra.

CONGRESS TIE ENVELOPES.

Flat, 8 to 14 inches	$0 25@0 50
½ inch, 8 to 14 inches	0 40@0 80
1 inch, 8 to 14 inches	0 50@0 90
1½ inch, 8 to 14 inches	0 60@1 00

ROGERS' ERASERS.

Wood Handle	$3 00
Wood Handle, large	3 38
Bone Handle	3 38
Bone Handle, large	3 75
Knife Blade, wood	4 75

DESK PADS.

8¾×10½	$5 00
8¾×12	5 50
9×14	6 00
10½×16	6 50

Trade discount.

GLASS PENS.

Briggs' Glass Pens, ⅌ doz	$2 00

QUILL PICKS.

Large, ⅌ 1,000	$2 00
Medium, ⅌ 1,000	1 75
Small, ⅌ 1,000	1 50

WASTE-PAPER BASKETS.

Assorted sizes, ⅌ doz	$9 00

SPRING TAPE MEASURES.

Silver, 36 inch, ⅌ doz	$5 25
Silver, 60 inch, ⅌ doz	5 50
Brass, 36 inch, ⅌ doz	5 00
Brass, 60 inch, ⅌ doz	5 25

Improvements.

Henry Parmenter, N. Y.—Ornamenting collars or cuffs with lace.—Openings are cut by a suitable die or punch, and the paper surrounding said opening is ornamented by being embossed in imitation of stitching. A piece of lace of a size sufficiently larger than the opening is applied at the back of the collar or cuff and covers the opening, and its edges are secured by paste.

William F. McCrary, of Baker City, Oregon—Register Package Envelopes, for use in transmitting registered packages through the mails. The flaps are cut in square form, so that when folded together, with the short end on the under side, they form one side of the pocket complete, with the same double reception for the tuck as in the old form of envelope. Gumming only two of the sides when it is folded and gummed, it forms a receipt-book, for the deposit of the necessary receipt required by law to be attached to the outside of all registered packages in transit.

English Stationery Patents.—G. Haseltine, of London, improvements in holders for pencils, crayons and similar articles. J. Hadden, of London, improvements in the manufacture of envelopes. R. W. Edwards, Gray's Inn Road, for a method of imparting brilliancy to relief stamping, or printing. G. W. H. Gold, of Brixton, Surrey, improved reservoir penholder. F. H. Dunnett, of Bury, St. Edmunds, Suffolk, improvements in the construction of presses for stamping and embossing.

IMPROVED SAFETY GUARD FOR POCKET BOOKS.—Thaddeus Porter, Jackson, Miss.—In this invention it is proposed to have one or more hooks arranged within or between the cover and an inside partition of a pocket book, and contrivances for causing them to project so as to hook into the pocket of the garment to prevent the book from being picked out of the pocket. The device for throwing them out is so arranged that the hooks are withdrawn readily from the pocket when it is wished to take out the book. The device will also be contrived so that when the hooks are thrown out they will be locked so that they cannot be withdrawn except by the mechanism for throwing them out.

ORNAMENTAL PAPER.

No. 134,883—March 25, 1873, Adolph Delkescamp, of Brooklyn.—Dies for cutting out ornamental forms of paper, intended for the production of variously-curved and elaborate slender forms in paper, to be cemented upon glass globes and other objects of glass for exposure to the sand-blast. Paper is not cut by the sand and protects the surface beneath it in its polished condition, while the surfaces not protected are rapidly abraded under the violent impact of the small gritty particles. The paper forms thus produced may obviously be useful for various decorative and other purposes; and the present invention may be applied to the manufacture of forms in other material than paper.

PAPER RULING MACHINES.

135,751—February 11, 1873, Ellicott David Averell.—One part of this invention relates to electro-magnetic striking attachments to ruling machines, operating to cause the pens to strike the paper on a head-line or head-lines at any distance from the head of the sheet of paper to rule "down-lines" of any desired length from one or any number of head-lines. It consists in a combination, with an electro-magnet or magnets and pen-beam actuated thereby, of a cam circuit-breaker and closer operating device, composed of two or more sets of adjustable cams, set in motion by the drum cylinder or revolving ruling-beam, and a stop-gate operating in a mechanical manner to determine the feed of the paper to the rulers, whereby, while every facility is afforded for adjusting in a simple and practicable manner the timely lifting and lowering of the pens, a quick and lively but soft or easy action is obtained for the striker pen-beam, and a positive means for opening or closing the circuit is used, instead of, as in a former invention of his, using the paper, which is apt to slip, for such purpose. The invention likewise consists in a pen-beam, which may be the rear one where two are used, divided transversely immediately of its length to admit of its operating by independent sections, or (by locking the sections) of operating throughout its entire length to suit narrow or broad sheets; and when the paper is fed by double guides in two sheets beneath two pen-beams, the one arranged in advance of the other, the divided or sectionally-constructed beam may only have so much of it in action as is necessary to rule the one sheet with continuous or faint lines, while the other sheet is being ruled with down-lines by the striker-beam, and with double guides for feeding in the paper in independent sheets to a single or apron carrier.

No. 134,883, January 14, 1873, Alfred Hathaway, of Freetown, Bristol County, Mass.—Improvement in Paper Ruling Machines, for the purpose of raising out of action the pins to form during the process of ruling paper one or more "headings," or unruled spaces, this result being effected by the combination of one or more serrated sectors, a disk or wheel and its cam or cams, stop-wheel, and the mechanism for operating and latching such stop-wheel.

MACHINE FOR ROUNDING AND BACKING BOOKS.

No. 137,192—March 25, 1873, Robert F. Foster, Thomas S. Baylie and James Harbin, all of Washington.—Machine for Rounding and Backing Books. The following is the specification:

"In the operation of binding books, or of manufacturing bound books, the sheets are first sewed together, and the books as thus produced are then cut in square form. The sewed side of each book is then coated with glue to more securely unite the sections and to preserve the final shape of the book; and when this coating is in proper condition—before it becomes perfectly hard or set—the books are passed through the rounding and backing operations. Rounding expresses production of the concavity of the face or open edge of the book. Backing is the operation of forming the back or closed edge of the book, and includes jointing, which comprises solidifying a book and spreading its back to form the joints or depressions for the reception of the sides or binding-boards. Machinery for backing or jointing books has been used; but the rounding operation has heretofore been practically accomplished only by hand hammering.

"This invention relates to a cheapening and labor-saving machine for rounding and backing books at one continuous operation in a rapid and superior manner, the agency employed being rollers applied as hereinafter set forth. The invention consists, primarily, in rounding books by means of a pair of rollers operating in combination with a suitable form or mandrel applied to the faces of the books; secondly, in the employment of changeable rollers and forms for rounding books of different thicknesses; thirdly, in the employment of the said form as a shoulder on a reciprocating feed-table or plunger to introduce the books between pressing-rollers; fourthly, in one or more pairs of pressing-rollers, adjustable as to distance apart, and driven through suitable gearing to receive the books from the rounding mechanism, so as to preserve their form, and to express the air so as to solidify the books; fifthly, in an adjustable clamp arranged to receive the books from the pressing-rollers, and to hold them during the completion of the backing operation, and in a gage-stop combined therewith to arrest the books in proper position."

In carrying out this invention a strong frame is constructed of any suitable form and materials. The top of this frame is preferably inclined, the higher end being of suitable height for a standing workman who feeds the machine. The books are discharged at the lower end on an endless apron, off-bearer, or a receiving-box. The square books are placed, one at a time, on a receiving-table, which is mounted at the higher end of the frame in longitudinal ways so as to slide back and forth. At the outer end of this table a bracket is erected to support a form or mandrel, which constitutes also a shoulder to adapt the table to operate as a plunger. A pair of rounding-rollers are arranged so to co-act with the form during the first part of its forward movement with the table. The continued movement of the table introduces the back edge of the book which is being formed between the first of a series of pairs of pressing-rollers. These express all air from between the leaves, and deliver the rounded and solidified book on to a table, which, in combination with a parallel jaw, constitutes a clamp to hold the book during the completion of the backing operation. A gage-stop arrests the book in proper position. A backing-roller is mounted in a frame, which carries the same back and forth vertically across the delivery end of the clamp to back or joint the book. When this is retracted the book is released and discharged. Attaching-screws in combination with slots provide for adjusting the form-bracket to suit books of different widths. To provide for rounding books of different thicknesses, the form is adjustable vertically by means of screws and sliding boxes. The form or mandrel preferably consists of a cylindrical roller, the back of which may serve for rounding thin books. An undercut groove in the front of the form receives interchangeable face-plates of the proper size or shape for any given thickness of book. The rounding-rollers are supported and guided by pivoted arms drawn together to hold the rollers in normal position by springs. Rollers of different sizes are preferably employed for rounding thicker and thinner books. To further adapt these rollers to operate in proper manner, the pivots of their arms may be adjusted to correspond with the center of the thickness of the book being formed, and so as also to vary the radius of the movement of the rollers, if desired, by the employment of graduated series of sockets therefor, and pivot-holes in the arms. These rounding-rollers operate by coming in contact with the square book at its center, and moving outwardly on the convex back as they round the face of the book against the form or its face-plate. The pressing-rollers are arranged in two parallel series, the upper of which is movable, to provide for regulating the pressure on books of different thicknesses. These upper rollers may be mounted in a bearing frame of suitable structure, guided perpendicularly to the inclined plane of the mechanism, and this frame may be supported and adjusted by a central screw-pendant, furnished with a hand-wheel for turning it. The clamp is made adjustable, to adapt it to properly hold books of different thicknesses, and to vary its pressing action by means of screws and slots, or their equivalent, as means for attaching the upper plate or jaw to its arms or yokes, and said slots may serve also to receive guide-lugs. The gage-stop may also be adjustable to vary the projection of the book, which determines the size or depth of joint produced. The backing-roller is removable, to permit the employment of interchangeable rollers for books of different thicknesses, and is also adjustable in its frame by means of sliding journal-boxes, with screw-stems, beveled gear-nuts and a shaft with hand-wheel and pinions, for rotating the said nuts in unison, or by any preferred devise. The pivot of the backing-roller frame may also be adjustable correspondingly with the pivot of the rounding-roller arms and with the center of the thickness of the book being formed. These adjustments, or their equivalents, adapt a given machine to form books of various sizes and thicknesses within certain limits. For larger or smaller books different machines, with like scope, may be employed, the size of the pressing-rollers also being varied, preferably.

Henry Jeroliman, the well-known stationer, has been so unfortunate as to become insane, and his friends have sent him to the retreat at Hartford to be protected. He has been before the trade so many years that the news of his misfortune will be everywhere received with regret and sympathy for his family. Geo. H. Reay has accepted the office of treasurer of a fund for their relief, and any subscriptions to this fund may be sent to him at 77 John street.

A stationer in New York, who sent his porter to ship a lot of "Baronial" note paper, was rather surprised when the man returned and reported that the "Barry O'Neil" paper was all gone.

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AUSTIN & AUSTIN, Press and Bonnet Boards.......Catskill, N. Y.

BARTLETT & CUTTING, Fine Papers.....................Dalton, Mass.

BAY STATE PAPER CO. Springfield, Mass.

CLAREMONT MANUF'G CO. Claremont, N. H.

HAMMOND, S. S. Manilla, Tea & Wrapping....East Pike, N. Y

JONES, JOHN F. Boards, Wrappers, &c..Marcellus Falls, N. Y.

MOORE & SHEPLEY, Tissue and Medium Manilla..................Bellows Falls, Vt

UNION PAPER MANUF'G CO. Fine and Collar..............Springfield, Mass.

WALSH, J. DE WITT & CO. Blue Writing Paper..........Newburgh, N. Y.

PAPER-MAKING MACHINERY.

DANIELS MACHINE CO. Rag Cutters.....................Woodstock, Vt.

HOLYOKE MACHINE CO. Holyoke, Mass.

MERRILL, O. E. & CO.......Beloit, Wis.

POOLE, J. MORTON & CO. Wilmington, Del.

TURBINE WATER WHEELS.

CAPRON WATER WHEEL CO. Hudson, N. Y.

STOUT, MILLS & TEMPLE. Dayton, Ohio.

Book-makers' Department

The threatened disturbances in the London stereotyping and electrotyping trades have been happily averted by judicious concession on the one side and prudent forbearance on the other.

The Vienna *Neue Freie Presse* has been bought for 3,250,000 florins, a profit of 800,000 florins on the price at which it was purchased a few years ago. The undertaking is to be converted into a joint-stock company, and to be connected with a large paper manufactory.

At the late annual meeting of the London Vellum Binders' and Machine Rulers' Pension Society the report showed that the society continues to make good progress, the income now being about £180, and the total fund £2,069 9s. 3d.

The death is announced of one of the oldest and most respected of London book-binders, Mr. Jacob Edmonds, aged 76, senior partner of the late firm of Edmonds & Remnants, with which business he has been connected upward of half a century.

The library of Mr. Perkins, a wealthy London brewer, will be sold next month. It contains about 7,030 volumes, valued at $400,000, including a copy of the Magazine Bible, the first book, it is believed, executed with metal types, and worth $10,000 or $12,000.

The taste of Junius in regard to binding may be judged from the following directions in a letter to his publisher, December 18, 1771: "When the book is finished let me have a set bound in vellum, gilt, and lettered Junius I. II. as handsomely as you can—the edges gilt; let the sheets be well dried before binding. I must also have two sets in blue paper covers."

There is now on exhibition at the Metropolitan Art Museum of New York a small but very valuable and interesting collection of early printed bibles, the property of Mr. W. C. Prime, with two cases filled with choice specimens of old and modern book-bindings and with early printed books and illuminated manuscripts, these last the property of Mr. Robert Hoe, Jr.

There is a great curiosity in the way of book-making at the library in Prague, in the shape of a Hussite hymn book, written and illuminated with singular splendor, at a cost of many thousands of florins. It is the joint production of a large part of the population of Prague. Each guild and corporation, as well as several noble families, had a few hymns written and illustrated, and the whole were then bound together, with the coat-of-arms or crest of each of the contributors, making a work of imposing splendor.

The catalogue of the Vienna Exhibition was printed on a Walter press at the office of the *Die Presse*. The printing was begun on the 23d of April, and six days after the first edition of 10,000 copies, each containing 32½ sheets, was in the hands of the book-binder. They are the first machines of the kind used on the Continent, and the catalogue of the Exhibition was the first book ever printed on continuous web paper.

In England all the great religious publishing societies, such as the British and Foreign Bible Society, the Religious Tract Society, the Christian Knowledge Society, and others, have adopted the plan of contracting with publishers for the publication of their works. In this country the method has generally been different. The societies have done their own publishing. But within a few years a change in this policy has been initiated, and now many of the leading societies are arranging to have their work done by responsible publishers.

The increasing excellence of American text books in illustration is worthy of note. The old-fashioned rude and absurd wood cuts have given place to pictures which not only mean something, and are of use in connection with the text, but are of considerable art merit. This is cause for congratulation, for a good part of a child's education comes through their bright, sharp eyes. Our English cousins are following our example in this respect, and a late text book is boasted of as as fine as American books of its class.

The effects of the restrictive commercial policy of France are beginning to be severely felt by the printing trade. The demand for prospectuses, prices current, catalogues, &c., will speedily be *nil*, since the competition of Switzerland, supported by the action of the paper duty and the postal tariff, is not to be resisted. As an instance, we learn that the catalogues of the *Grands Magasins du Louvre*, a handsome brochure of eighty pages, has this year been intrusted to a Geneva firm. The principal inducement to this step is the singular anomaly by which, if posted in France, the postage of every copy would be 13 centimes—if posted in Switzerland, 10 centimes. This on 100,000 copies makes a difference of £120. Again, the paper duty of 10 francs per 100 kilos would amount to something like £30. So that the Parisian printer must be able to execute this single order at a cost of £160 below the thrifty Genevese before he can compete on equal terms.—*Printing Times*.

On the 10th inst. a meeting of the stationery trade was held at the office of the Harrison & Bradford Steel Pen Company, 75 John street, to devise means for the relief of the family of Mr. Henry Jeroliman, whose great misfortune is noticed in another part of this paper. Nearly all the trade was represented—D. Appleton & Co., B. & P. Lawrence, Chas. J. Bainbridge, Alexander Agar, Geo. H. Reay, H. J. Stevenson, Berlin & Jones, Slote, Woodman & Co., J. O. Smith's Sons, C. & D. Pratt, Thaddeus Davis, George Olney, Listenroth & Van Aun. Remarks and appeals were made, especially by Mr. Bainbridge and Mr. Phineas Lawrence, and a committee was appointed to make a special appeal to the friends of Mr. Jeroliman outside the city. It will be a great pleasure to us to forward so laudable an object as the assistance of a family under the greatest calamity that is possible to occur.

ENGLISH LITHOGRAPHIC TRADE.

The English lithographic trade is active, and in London all the large offices are fully occupied. Large preparations are being made for the next season in fancy goods, and the business in valentines, Christmas poetry, birthday cards, &c., has a full supply of hands. The Vienna Exhibition has brought several large orders into the hands of London lithographers. Owing to the great rise in the price of every material used in the business—paper, ink, varnishes, &c.—firms who have large contracts in hand for labels, certificates, and autographic work are executing them at a positive loss. Many of the jobbing printers are, for the same reason, adopting machine work on account of its economy. The general prosperity of the country is very sensibly affecting the trade, and many standing orders have been even quadrupled of late.

A number of Belgian paper-makers have visited England, at the invitation of the new association in the latter country, an event marking an era in the history of the trade.

Medicated paper is made by mixing with every ten pounds of pulp about one ounce of pure carbolic or cresylic acid, the crystals of the acid being previously dissolved by submitting them to a suitable temperature for that purpose. Charles J. Eames, of New York, has patented the process.

We can hardly speak too highly of the London *Printing Times*, which, though it has only reached its sixth number, is a handsome, well-printed and readable periodical, full of late information. We find it quite indispensable, and it shows on the part of its editor the two great qualifications for a journalist—a nose for news, and an eye for editorial perspective. We wish him all success.

IMPORTATIONS OF PAPER STOCK, PAPER, BOOKS, CHEMICALS, ETC.

NEW YORK IMPORTS.

FROM MAY 29, 1873, TO JUNE 14, INCLUSIVE.

Hide Cuttings.

Cumming & Lockwood, Italy, Liverpool, 380 bales.
Cumming & Lockwood, Greece, Liverpool, 589 bales.
Cumming & Lockwood, Egypt, Liverpool, 326 bales.

Jute Butts.

Archer & Ball, Benton, Calcutta, 500 bales.
John D. Wood & Co., Benton, Calcutta, 821 bales.
Busk & Jevons, Benton, Calcutta, 1,000 bales.
D. G. Baun, Benton, Calcutta, 1,200 bales.

Paper.

Wm. D. Porter, Italy, Liverpool, 7 cases.
G. Gennert, Frisia, Hamburg, 4 cases.
H. Hirsch & Co., Frisia, Hamburg, 2 cases.
H. A. Ganes' Sons & Co., Frisia, Hamburg, 2 cases.
Frank Leslie, Canada, Liverpool, 11 bales printing.
Smith & Lupton, Italy, Liverpool, 10 bales.
A. & C. Kaufmann, Frisia, Hamburg, 3 cases.
A. Bonnann, Frisia, Hamburg, 1 case.
J. Meyer & Co., Italy, Liverpool, 28 bales unsized.
Proprietors N. Y. Times, Italy, Liverpool, 37 bales printing.
Frank Leslie, Greece, Liverpool, 6 bales printing.
H. Bainbridge & Co., Caledonia, Glasgow, 2 cases.
Charles Moller, Kronprinz Frederick Wilhelm, Bremen, 1 case.
C. F. Van Blankensteyn, Kronprinz Frederick Wilhelm, Bremen, 1 case.
Willy Wallach, Kron Prinz Frederick Wilhelm, Bremen, 3 cases.
C. K. Wilmer, Celtic, Liverpool, 5 cases.
L. Dejonge, Hong Kong, Hamburg, 11 cases.
A. Hang & Co., Deutschland, Bremen, 4 cases.
J. Rosenthal & Co., Deutschland, Bremen, 2 cases.
L. Brandies & Co., Deutschland, Bremen, 2 cases.
G. J. Kraft, Deutschland, Bremen, 1 case.
Neuss & Hesselein, E. A. Kennedy, Antwerp, 61 bales unsized.
M. Maas, E. A. Kennedy, Antwerp, 149 bales unsized.
B. Illfelder & Co., C. F. Funch, Antwerp, 2 cases.
M. Maas, C. F. Funch, Antwerp, 108 cases.
D. Appleton & Co., Italy, Liverpool, 2 cases.
P. Morganstein, Main, Bremen, 1 case.
G. Putnam's Sons, California, Glasgow, 2 cases.
W. W. Swayne, Celtic, London, 2 cases.
Frank Leslie, Spain, Liverpool, 5 bales printing.
A. Basbey's Son, Ville du Havre, Havre, 2 bales hanging.
C. T. Raynolds & Co., Ville du Havre, Havre, 1 case.
B. & P. Lawrence, Hudson, London, 5 cases.
Fischer & Keller, Ville du Havre, Havre, 3 cases hangings.
L. Dejonge, Coblana, Hamburg, 5 cases.
C. Loeser & Co., Calabria, Liverpool, 1 case.
Henry Hirsch & Co., Saxonia, Hamburg, 2 cases.
C. Cooper & Co., Westphalia, Hamburg, 2 cases.
Fischer & Keller, Westphalia, Hamburg, 6 cases hangings.
O. Kimpton, Minnesota, Liverpool, 3 cases.
J. Meyer & Co., Greece, Liverpool, 4 bales sized printing.
J. Meyers & Co., C. F. Funch, Antwerp, 50 bales unsized printing.
Koch, Sons & Co., Westphalia, Hamburg, 2 cases.
P. Giraud, Esperance, Bordeaux, 4 bales.
Schering & Glatz, Kohn, Bremen, 6 cases.
Cahoon, Robbins & Co., Kohn, Bremen, 1 case.
B. Illfelder & Co., Kohn, Bremen, 2 cases.
Frank Leslie, Italy, Liverpool, 10 bales printing.
G. J. Kraft, Herrmann, Bremen, 5 cases.
A. Rollker & Sons, Hermann, Bremen, 5 cases.
Herman & Bloomingthal, Kohn, Bremen, 5 cases.
S. Meyer & Co., Glasgow, Australia, 50 bales unsized.
B. & P. Lawrence, Herrmann, Bremen, 5 cases.
Charles Helmuth, Deutschland, Bremen, 1 case.
Gross & Voight, Kohn, Bremen, 1 case.
L. Dejonge, Thuringia, Hamburg, 3 cases.
Scovill Manufacturing Co., Kohn, Bremen, 4 cases.
Henry Bainbridge & Co., Wisconsin, Liverpool, 4 cases.
Charles Vagt & Co., Algeria, Liverpool, 4 cases.
Frank Leslie, Italy, Liverpool, 2 bales printing.

Rags, &c.

John S. Roberts & Son, Aurosa, Liverpool, 85 bales paper stock.
Jonas Phillips, St. Cloud, Leghorn, 309 bales linen rags.
Mulholland & Hickox, St. Cloud, Leghorn, 445 bales rags.
E. D. Morgan & Co., Woodhall, Hivga, 1919 bales rags.
Josiah Macy's Sons, L. Murtuori, London, 50 bales rags.
Josiah Macy's Sons, L. Murtuori, London, 49 bales paper waste.
W. H. Parsons & Bro., Caledonia, Glasgow, 95 bales paper waste.
John W. Mason & Co., R. Robinson, Liverpool, 74 bales old rope.
Toel Rose & Co., L. Murtuori, London, 117 bales rags.
W. F. Hawkins, Luigi, London, 16 bales paper waste.
D. de Castro & Co., Emily, Santa Martha, 36 bales rags.
W. H. Parsons & Bro., Welland, London, 66 bales paper stock.
Stephen Lee, Welland, London, 277 bales rags.
Stephen Lee, S. Prospero, Anvers, 56 bales rags.
Stephen Lee, E. O. Kennedy, Anvers, 202 bales rags.
Dutilh & Co., Tacito, Geneva, 135 bales rags.
Fabri & Chauncey, Hudson, London, 307 bales rags.
W. H. Parsons & Bro., Hudson, London, 361 bales paper stock.
W. O. Davey & Sons, Hudson, London, 249 bales paper stock.
Marples & Shaw, Elodia, Antwerp, 12 bales paper stock.
Marples & Shaw, Elodia, Antwerp, 118 bales rags.
Stephen Lee, C. F. Funch, Antwerp, 353 bales rags, &c.
Stephen Lee, C. F. Funch, Antwerp, 2 bales rags, &c.
Stephen Lee, Hudson, London, 88 bales rags, &c.
Cumming & Lockwood, Hudson, London, 24 bales rags, &c.
Toel Rose & Co., Hudson, London, 116 bales rags, &c.
Marples & Shaw, Hudson, London, 57 bales paper stock.
W. H. Parsons & Bro., Olympia, Glasgow, 101 bales paper stock.
Stephen Lee, Ville du Havre, Havre, 341 bales rags.
Stephen Lee, C. F. Funch, Antwerp, 19 bales rags.
C. H. Bulkley, Pennsylvania, Glasgow, 116 bales paper stock.
Lawrence Giles & Co., Blue Bird, Messina, 150 bales rags.
W. H. Parsons & Bro., M. Nottebohm, Liverpool, 162 bales paper stock.
W. H. Parsons & Bro., Australia, Glasgow, 9 bales paper stock.
W. H. Parsons & Bro., Brothers, Glasgow, 42 bales paper stock.
C. H. Bulkley, Brothers, Glasgow, 87 bales paper stock.
A. Rollker & Sons, Star, Hamburg, 8 bales rags.
Charles H. Bulkley, Egypt, Liverpool, 21 bales paper stock.
Jonas Phillips, Theobald, Leghorn, 78 bales linen rags.
Jonas Phillips, Theobald, Leghorn, 352 bales cotton rags.
A. Rollker & Sons, Theobald, Leghorn, 117 bales linen and cotton rags.
Mulholland & Hickox, Theobald, Leghorn, 300 bales linen and cotton rags.

Terra Alba.

R. Chapin & Co., Ranguhild, Marseilles, 15 casks.
E. Marcus, Abyssinia, Liverpool, 60 casks.
Snow & Burgess, Nottebohm, Liverpool, 100 bags.

Ultramarine.

H. C. Hurlburt & Co., Hannibal, Rotterdam, 12 cases.
F. Bredt & Co., Frisia, Hamburg, 30 cases.
N. C. Culbert & Co., Egypt, Liverpool, 10 cases.
Brautigam & Watson, Egypt, Liverpool, 12 cases.
W. F. Hawkins, Herrmann, Bremen, 12 cases.
J. C. Bloomfield & Co., Egypt, Liverpool, 10 cases.

BOSTON IMPORTS.

IMPORTATIONS OF PAPER STOCK, CHEMICALS, &C., AT PORT OF BOSTON, FROM MAY 30 TO JUNE 13, INCLUSIVE.

Alum.

Weeks, Dupee & Soren, Tarifa, Liverpool, 48 bbls.

Aluminous Cake.

Brautigam & Watson, Palmyra, Liverpool, 50 tcs.

Bleaching Powders.

Warren & Co., Margaret, Liverpool, 94 casks.
Linder & Meyer, Sappho, Liverpool, 76 casks.
Linder & Meyer, Elverhoi, Newcastle, 110 casks.

China Clay.

Morey & Co, Andrea Mignano, Plymouth, Eng, 1,216 casks.

Esparto.

Rice, Kendall & Co., L. B. Gilchrist, Liverpool, 18 bales esparto.

Hide Cuttings.

T Groom & Co, Lord Clive, Liverpool, 44 bales hide pieces.
M P Grant & Co, Lord Clive, Liverpool, 278 bales hide pieces.
M P Grant & Co, Sappho, Liverpool, 50 bales hide pieces, 166 bales hide cuttings.

Paper Stock.

[FROM MAY 14.]

H. M. Clarke & Co., Ruma, London, 196 bales paper stock.
John Lodge, Ruma, London, 72 bales junk.
Crocker, Burbank & Co., Ruma, London, 199 bales paper waste.
Hemenway & Brown, San Carlos, Valparaiso, 40 bales rags.
Fowle & Carroll, Jane, Miragoane, 22 bales rags.
A. Hardy & Co., D. McPherson, Messina, 100 bales rags.
Dunbar & Titcomb, Gladiator, Yarmouth, 10 bales paper stock.
Marples & Shaw, Johann Wilhelm, London, 41 bales paper stock.
Crocker, Burbank & Co., Johann Wilhelm, London, 371 bales paper waste.
M. P. Grant & Co., Johann Wilhelm, London, 84 bales papers.
John Lodge, Johann Wilhelm, London, 99 bales rags.
John Lodge, Johann Wilhelm, London, 179 bales paper waste.
M. P. Grant & Co., Chesapeake, Liverpool, 240 bales paper stock.
Warren & Co., Chesapeake, Liverpool, 137 bales waste paper.
S. W. Wilder, N. Mosher, Liverpool, 99 bales paper stock.
Crocker, Burbank & Co., Henrietta, London, 151 bales paper waste.
M. P. Grant & Co., Henrietta, London, 33 bales papers.
S. W. Wilder, Henrietta, London, 114 bales paper stock.
S. D. Warren & Co., Henrietta, London, 74 bales rags.
John Lodge, Henrietta, London, 67 bales rags.
John Lodge, Henrietta, London, 168 bales paper waste.
John Lodge, N. K. Clement, London, 53 bales paper waste.
Crocker, Burbank & Co., N. R. Clement, London, 255 bales paper waste.
Marples & Shaw, N. R. Clement, London, 112 bales paper waste.
John Lodge, Wm. Cummings, London, 112 bales paper waste.
J. Schnitzer, Envoy, Smyrna, 148 bales rags.
S. D. Warren & Co., City of Boston, Calcutta, 660 bales rags.
Pickering, Winslow & Co., Midlothian, Liverpool, 90 bales rags.
S. D. Warren & Co., Barheldors, Leghorn, 890 bales rags.
S W Wilder, C C Van Horn, London, 252 bs paper.
Crocker, Burbank & Co, C C Van Horn, London, 176 bales waste paper.
W H Parsons & Bro, C C Van Horn, London, 176 bales paper stock.
H M Clarke & Co, San Pietre, Smyrna, 932 bales rags.
M P Grant & Co, Sappho, Liverpool, 48 bales rags.
M P Grant & Co, Lord Clive, Liverpool, 67 bs rags.
Pickering, Winslow & Co. Lord Clive, Liverpool, 68 bales rags.
J A Bacon, Mary Durkee, Antwerp, 1,460 bales waste paper.
W B Wood, Mary Durkee, Antwerp, 168 bs papers.
M P Grant & Co, Mary Durkee, Antwerp, 85 bales old papers.
Dunbar & Titcomb, Alhambra, Halifax, 79 packages paper stock.

Soda Ash.

Morey & Co, Margaret, Liverpool, 33 casks.
Warren & Co, Margaret. Liverpool, 34 casks.
Linder & Meyer, Sappho, Liverpool, 78 casks.
W H Winslow & Co, Sappho, Liverpool, 25 casks.
M Crocker & Co, Elverhoi, Newcastle, 151 casks.
Linder & Meyer, Elverhoi, Newcastle, 175 casks.

Sal Soda.

Linder & Meyer, Elverhoi, Newcastle, 1,671 casks.
G M Hunter & Co, Lord Clive, Liverpool, 6 casks.

Ultramarine.

Morey & Co, Malta, Liverpool, 5 casks.

Value of Importations at the Port of Boston from May 30 to June 13, inclusive:

Alum	$575	Paper	625
Aluminous Cake	455	Hide Cuttings	10,567
Bleach'g Powders	5,929	Papers	15,035
Sal Soda	8,405	Paper Stock	1,196
Soda Ash	11,921	Rags	23,911
Ultramarine	374	Waste Paper	33,303
Books	2,222		

IMPORTS of Paper and Paper Materials, Books, &c., at the Port of New York, for the two weeks ending June 6, 1873. Quantity given in packages when not otherwise specified.

Aniline Colors	40	$8,954
Alum	....	....
Aluminous Cake	....	....
Bleaching Powders	873	20,150
Soda Ash	2,850	82,675
" Bicarb	1,850	8,480
" Caustic	810	24,620
" Sal	2,418	12,733
Ultramarine	135	5,040
Books	425	52,492
Newspapers	38	3,030
Engravings	51	21,896
Ink	172	44,95
Lead Pencils	26	6,263
Paper	528	38,791
Steel Pens	1	153
Stationery	39	1,904
Clay	....	2,307
Jute Butts	6,733	28,523
" Rejects	2,000	10,055
Paper Hangings	21	2,277
Rags	4,270	136,999
Waste	132	4,830
Total	....	$476,667

Total Imports of general merchandise, same period	$10,853,615
Total Imports of Paper, Paper Stock, &c., for the quarter ending Aug. 23, 1872	3,898,553
Total Imports of Paper, Paper Stock, &c., for the quarter ending Nov. 26, 1872	4,532,062
Total Imports of Paper, Paper Stock, &c., for the quarter ending Feb. 21, 1873	2,753,800
Total Imports of Paper, Paper Stock, &c., for two weeks ending March 7, 1873	486,107
Total Imports of Paper, Paper Stock, &c., for three weeks ending March 28, 1873	1,038,258
Total Imports of Paper, Paper Stock, &c., for two weeks ending April 11, 1873	467,154
Total Imports of Paper, Paper Stock, &c., for two weeks ending April 25, 1873	754,604
Total Imports of Paper, Paper Stock, &c., for two weeks ending May 9, 1873	557,539
Total Imports of Paper, Paper Stock, &c., for two weeks ending May 23, 1873	586,748

EXPORTS of Paper, Books, &c., from the Port of New York to Foreign Ports, for two weeks ending June 10, 1873.

Paper, reams	20,216	$6,540
Paper, pkgs	769	25,34
Paper, cases	46	1,767
Books, cases	158	14,415
Rosin, bbls	15,609	64,480
Stationery, cases	40	2,945
Total	....	$92,681

Total Exports of general Merchandise for same period	....	11,011,434
Total Exports Paper, &c., for the quarter ending Aug. 27, 1872	....	752,540
Total Exports Paper, &c., for the quarter ending Nov. 26, 1872	....	428,971
Total Exports Paper, &c., for the quarter ending Feb. 25, 1873	....	88,484
Total Exports Paper, &c., for two weeks ending March 11, 1873	....	58,297
Total Exports Paper, &c., for two weeks ending March 25, 1873	....	291,109
Total Exports Paper, &c., for two weeks ending April 8, 1873	....	235,857
Total Exports Paper, &c., for three weeks end'g April 29, 1873	....	270,859
Total Exports Paper, &c., for two weeks ending May 13, 1873	....	150,615
Total Exports Paper, &c., for two weeks ending May 27, 1873	....	162,75

Advertisements.

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Having appliances and tools of the most modern construction, large shops and skillful workmen, they are prepared to execute orders with great promptness.
They especially call attention to their CHILLED CALENDER ROLLS, which are ground upon their new and improved machinery, by which absolute correctness is obtained.
Plans and specifications for paper mills furnished.
A pattern list, very valuable for mill owners, will be sent free of charge upon application.
For the character of their Chilled Iron Calenders and other paper machinery, they refer to the following among the many parties now using them:
JESSUP & MOORE, Philadelphia, Pa.
MARTIN NIXON, Philadelphia, Pa.
GEO. W. CHILDS, Philadelphia, Pa.
MEAD & NIXON, Dayton, Ohio.
W. & A. MODE, Coatesville, Pa.
BRADNER, SMITH & CO., Chicago, Ill.
JOHN WORTHINGTON, Cooperstown, N. Y.
PIONEER PAPER CO., Athens, Ga.
WHEELWRIGHT, MUDGE & CO., Baltimore, Md.
J. P. BLACK, Marseilles, Ill.
GEO. B. CONNARD, Reading, Pa.
C. S. GARRETT BROTHER & CO., Phila., Pa.

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☞ Will be pleased to send samples.

The *CENTRAL BLATT FUR DIE DEUTSCHE PAPIER FABRIKATION*, von CARL A. A. RUDEL, Dresden, Germany, is the organ of the German paper trade, and is twenty-four years old. It consists of 24 numbers with 4 supplements annually. Price, 20 German marks, or $5.00, silver.
Rudel's Annual of the Paper Manufacture, for 1873.
PRICE, $1.75, (GOLD).
CONTENTS: Addresses of all the paper manufacturers in Europe, manufacturers of wood stuffs and straw in Germany, France and England, paper manufacturers, list of customs duties, tables of statistics, addresses of factories, commission and export dealers in articles of paper manufacture, etc.
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Steam Vat & Tank Factory,
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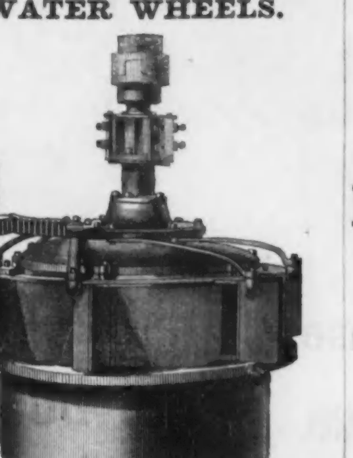
Boiling Tubs, Stuff Chests, Water Tanks, etc., *FOR PAPER MANUFACTURERS.*
Our long experience and superior facilities enable us to furnish a first-class article in the shortest possible time, and at a reasonable price.

HOLYOKE MACHINE CO.,
MANUFACTURERS OF THE
BOYDEN TURBINE
AND THE
DAYTON AMERICAN TURBINE
WATER WHEELS.



Estimates and Plans for Water Wheel Work of every description furnished when desired. Both the Boyden and the Dayton American Wheels are now generally recognized as the best Turbines, of their respective classes, and our facilities for their manufacture are second to none in the country. Full report of tests will be sent on application.
Attention is invited to the following extracts from the official report of a recent test of the Dayton American Turbine:

	Percentage of Part Gate.					Per cent. of whole Gate.
	¼	⅜	½	⅝	¾	
19	17.6	71.9	77.0	80.4	79.6	76.8

All Shafting, Gearing, Mill Work and Castings of every description, with special facilities for the prompt execution of all orders in this department.
Special attention given to the manufacture of Paper Mill Machinery, Paper Engines, Calenders, Hydraulic Presses, Trimming Presses, Rag Dusters, Ruling Machines, and Lay-boys for the same. Holyoke Elevators, Littlefield Pumps, Boiler Pumps, Size Pumps and Hydrant Valves. Also, MORGAN & THOMPSON'S Elevators, with self-closing Hatches. Steam, Water and Gas Piping in all its branches. In this department we have constantly on hand a large stock of Pipes and Fittings, and are prepared to contract on favorable terms for Piping Mills, Manufactories and Public Buildings.
HOLYOKE MACHINE CO.,
Holyoke, Mass.
Holyoke, January 18, 1873.

AMERICAN
TURBINE
Water Wheel.

STOUT, MILLS & TEMPLE,
Dayton, Ohio,
PATENTEES AND MANUFACTURERS.
Recent tests made by James Emerson, Holyoke, Mass., demonstrate that these TURBINES yield fully 10 per cent. higher average of useful effect of the water than any other water wheels on record. An investigation by manufacturers is respectfully invited.
The workmanship is of a high order. The gates are easily controlled with a governor under any head, and every wheel is guaranteed.
Send for Descriptive Catalogue.

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Steam Boiler Works
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We wish to call the attention of mill owners and all others using STEAM BOILERS to the fact that we use the VERY BEST material in all our boiler and plate work. The celebrated plate of the Bay State Iron Company of Boston, so well known for its uniformity of production and great tensile strength, is in most of our Boilers and Rotary Bleachers.
We are ourselves practical boiler makers of many years' experience, taking active part in the construction of all our work, and as we employ only first-class workmen, we can safely guarantee all work delivered from our shop. We warrant all our work and material as represented. The following Companies in Holyoke and elsewhere are now using our boilers with VERY SATISFACTORY RESULTS, and permit reference:
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KEITH PAPER CO., Turner's Falls, 4 Boilers; JOHN KEITH, President.
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WORTHY PAPER CO., Mitteneague, Mass., 2 Boilers; GEO. L. WRIGHT, Treasurer.
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HURLBUT PAPER CO., South Lee, Mass., 3 Boilers.
JESSUP & LAFLIN PAPER CO., Westfield, Mass., 2 Boilers, 1 Bleacher.
L. L. BROWN & CO. PAPER CO., South Adams, 4 boilers, 1 Bleacher.
MASSASOIT PAPER CO., Holyoke, Mass, 3 Boilers, 1 Bleacher.
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DOUBLE TURBINE
WATER WHEEL
CHEAP, POWERFUL,
DURABLE & SIMPLE
SEND FOR ILLUSTRATED PAMPHLET
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POROUS
ALUM,
FOR
PAPER MAKERS' USE.
FREE FROM IRON AND FROM EXCESS OF ACID.
Two pounds of it will size as much paper as three pounds of Potash or Ammonia Alum.
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Cedar Vats, Water Tanks and Reservoirs, Drainers, Broken Tubs, Stuff Chests, Straw Kettles, Boiling Tubs, Size Tubs, &c., for
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TURBINE WATER WHEEL.
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24-Inch Wheel, $195.
THE ONLY WHEEL
FURNISHED to customers with POLISHED BUCKETS. Buckets made separate and movable. If ever broken, can be replaced with new ones.
Warranted to give more power than any Rough Bucket Wheel.
Send for illustrated pamphlet for 1872.
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SUCCESSORS TO
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Beloit, Wisconsin,
MANUFACTURERS OF
Paper Machinery
OF ALL DESCRIPTIONS.
George A. Houston's Patent

TURBINE
Water Wheel.
We make for the Houston Wheel the following among other claims for superiority:
THE HIGHEST PERCENTAGE OF POWER, demonstrated in the Lowell and Holyoke tests, and in practical working whenever placed in competition with other wheels.
THE HIGHEST AVERAGE RESULTS EVER OBTAINED. (See Fourth Annual Report of Turbine Tests by James Emerson.)
GREAT STRENGTH AND DURABILITY, never having had a Wheel or Case broken in use.
EXTREME SIMPLICITY, Wheel and Case each being cast in one piece, and its whole construction such that it has no parts liable to get out of order.
ECONOMY, both in price and use of water, its large capacity making it equal in power to wheels one size larger of most manufacturers, with a much greater difference in many instances.
We will very cheerfully furnish Mr. Emerson's reports to all applicants, being entirely satisfied to have parties in want of wheels base their verdict as to our merits upon the FACTS.
These reports are Mr. Emerson's, and are not garbled to suit any particular case, but give all the figures of all wheels tested.
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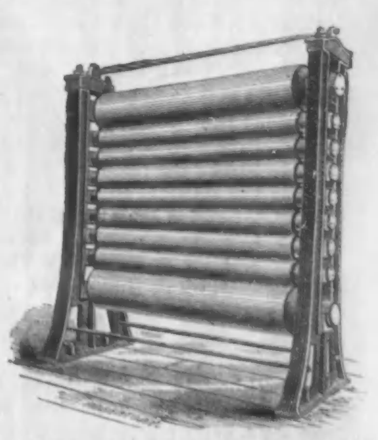
Calender Rolls



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MANUFACTURE
Chilled Calender Rolls,
Ground on their PATENTED MACHINERY; the only process by which absolute correctness is obtained.
The value of the Chilled Roll is now so appreciated by all Paper Makers, that it is needless to speak of its advantages over the ordinary soft roll. It is also well understood by the majority of Paper Manufacturers that *our* method of manufacture is the only one by which Chilled Rolls can be finished in the perfect manner necessary for the delicate operation of Calendering Paper. To illustrate, however, the great demand which has sprung up for these Rolls, we would say that since the first Chilled Rolls were ground by our process, in May, 1869, over 1,200 new Chilled Rolls have been furnished to Paper Manufacturers, *ground by our process*, with the *demand constantly increasing*.
We can refer, among many others, to the following parties, who have our Rolls in use, and can speak knowingly of their merits:
JESSUP & MOORE, Philadelphia and New York.
MARTIN NIXON, Philadelphia.
A. C. DENISON & CO., Mechanic Falls, Me.
HOLLINGSWORTH & WHITNEY, Boston, Mass.
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We would also call the attention of Steam Users to the merits of the

BABCOCK & WILCOX
SECTIONAL BOILER,
Which we have been manufacturing very extensively for the past three years. Since the commencement of this manufacture, we have made over 6,000 Horse Power, which have, in every case, been eminently satisfactory. Descriptive circulars sent, and any desired information given.
IN USE BY
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GEO. W. CHILDS, Public Ledger Paper Mills, Elkton, Md.
D. TRAINER & SONS, Linwood Station, Pa.—425 H. P.
WOODS, WEEKS & SONS, Sugar Refiners, Baltimore, Md.—750 H. P.
SINGER MANUFACTURING CO., New York.—1,484 H. P.
DECASTRO & DUNNER SUGAR REFINING CO.—900 H. P.,
With many others.
J. MORTON POOLE & CO.

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Lockwood's
DIRECTORY
OF THE
PAPER TRADE.
The following are the chief features of this work:
1.—The post-office address and name of every Paper Mill. 2.—The class of goods made. 3.—The daily capacity. 4.—The kind and width of machine. 5.—The number of engines and rolls. 6.—The kind of power. 7.—The exact location of each mill. 8.—The nearest shipping point. 9.—The full name of officers and partners. 10.—A list of paper mills, classified according to goods made. 11.—A list of paper mills in course of erection. 12.—A list of paper mills burnt or otherwise destroyed during the past year. 13.—A list of paper pulp mills. 14.—The addresses of all dealers and importers of paper and paper materials. 15.—The addresses of the wholesale stationers and publishers in the leading cities. 16.—Advertisements. 17.—A separate and concise index.
In this work will be incorporated the following valuable statistics, compiled from very late reports from all the mills, and constituting the only reliable information of this kind ever before published:
1.—The total number of paper mills in each State. 2.—The total value of all the mills in each State. 3.—The total amount invested in paper-making in each State. 4.—The total amount of paper made in 1872. 5.—The total value of paper made in each and all States during 1872. 6.—The total number of hands employed. 7.—The total amount of each grade of paper made during the year 1872.
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Wood Pulp.
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No. 118 Milk St., Boston, Mass.

Correspondence.

TURBINE WHEEL TEST.

On the 10th inst. we visited Holyoke, Mass., especially to witness the testing of a turbine water-wheel by Mr. James Emerson. The testing machines, etc., are situated in a building well adapted to this work, on the flume just in the rear of the Whiting Paper Co.'s No. 1 Mill. The operation of testing a turbine wheel is a very interesting one, and the machinery employed is very complete and ingenious in all its details.

Mr. Emerson has made the testing of turbines a specialty for years, and he does his work with a mathematical precision that enables him to establish beyond question the capacity of any wheel passing through his hands. The leading manufacturers of turbines in this country consider it all important to have their wheels tested by Mr. Emerson in this public manner, and few wheels can find a market at all if they have never been through this trial. The tests are carried on in a building open to the public, and every one must be fully impressed by Mr. Emerson's thorough impartiality in making them. On the day in question the wheel tested was a 48-inch American Turbine made by Messrs. Stout, Mills & Temple, Dayton, Ohio. It was thoroughly tested under eighteen feet head whole and part gates, a great many tests being taken with different amounts of weight.

The result obtained seemed to please the Messrs. Mills, who were present, and they claimed that no wheel had ever shown a better record. The following was the result:

Part Gates.					Whole Gate.
⅜	½	⅝	¾	⅞	
50.06	69.64	75.42	82.53	82.90	83.14

The part gates were determined by the cubic feet of water, and not by the opening of the gates. The part gate percentage, as above is equal, if not above, any ever placed on record.

The matter of determining in this public manner the exact capacity of the different wheels is a most important one to our manufacturers. There has been a vast amount of improvement made in turbines within the past few years, and the number of good wheels being made is large; therefore there are no reason why the special merits of the different makes should not be given to the public in this way. Mr. Emerson occupies a position in which he can judge fairly of the merits of the different kinds of turbines, and we hope to hear from him in relation to the manner in which the different well-known wheels compare with each other, their particular merits, and other information of interest to the trade. This subject is seldom if ever handled in a thoroughly impartial and unbiassed manner, and we know of no one who could do it full justice better than Mr. Emerson.

A VISIT TO A FRENCH PAPER MILL.

[Translated for THE JOURNAL by E. M. Wingate.]

To properly describe the manufactory of paper pulp at Thar, near Grenville, France, belonging to MM. Breton & Co., we must first say something of the use of soda. The black water which accompanies the pulp as it remains in the lye-tub, leaves the soda in two different states; one portion is combined with the principal agglutinants which, in the phenomena of vegetable life serve to unite the fibres, that is to say the cellulose; this combination gives place to some soluble soaps; the other portion of the soda remains in a free state. In both cases it is of great importance not to throw away this soda, which constitutes a very important out indispensable expense, as it is not possible to make good and economical bleaching if the separation of the fibres is not complete. It is a great mistake to throw away the black water under the idea that it may impair the materials used. This black water, or concentrated juices brought out by the Lespermont washer may be evaporated, causing a revival of the carbonate of soda. This process is very effectual at Thar, and we have been struck with the whiteness and purity of the carbonate of soda thus obtained. The soda is washed until it is completely dissolved, and the solution which is thus formed is followed by an operation which consists in mixing this solution with lime water carefully prepared. There is thus obtained a solution of caustic soda, which is sent to the reservoirs placed behind the boilers from which it is drawn every day. It is worthy of remark that the soda thus obtained at Thar is better caustisized than in manufactories for that special purpose.

The establishment of Thar has been remodeled from an old building, under the direction of M. Lespermont (the distinguished engineer), assisted by M. E. Breton.

On the ground floor of the principal building, we found the pulp press, the methodical scourer and a large filterer supplying all the water necessary for the manufactory. On the first story are the rag-boilers and the washer; on the second story the refiners and the stock of chopped straw; on the third story a room for common straw, a workshop for stripping and chopping. The upper stories are used as receptacles for common straw.

In order to protect the machinery and materials from fire, the engines are placed at a distance from the store room. They thus banish the smoke as well, which would cause impurity to the pulp, while they are able to utilize all the lost heat from the furnaces by conveying the smoke into the Parion oven between the places where the straw is burned to ashes, and where the evaporation of concentrated juices is effected. The apparatus for revivification appears to be well placed. We can not say as much for the steam generators, for this is the result of their position, in regard to the principal parts of the manufactory. It is necessary to have a long pipe to convey the steam to the apparatus, and this pipe causes a loss of steam by condensation. It would lessen the expense if the steam engines were placed nearer the apparatus which they feed. The plan for using the smoke of these generators in the Parion oven does not seem to be of much consequence, owing to its low temperature.

The manufactory is entirely surrounded by water when that is abundant. In summer the hydraulic engine is joined to an auxiliary steam engine. They make an excellent pulp here from white straw. It is the only one of the kind in France, and great perseverance has been shown by MM. E. Breton & Co. in the enterprise. Many of their predecessors failed, perhaps from want of means or of knowledge. In France, England and Belgium the manufactory of Thar is only equaled by that of Henry & Albert Richardson, at Jarron; but this last manufactory is one for paper, and uses all the pulp it makes.

The manufacture of fine paper was begun in Australia, near Melbourne, in 1868, the supply having been previously brought from Europe and the United States.

An exchange asks: "Why cannot our railroad cars be made of paper, instead of iron, as proposed, so as to prevent the danger of splintering and burning, in case of accident?" A pertinent inquiry.

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Invite the attention of all who are interested in the sale or use of such articles, to the high standard quality and low prices of their various manufactures, comprising

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"TEST" HOSE.

Made expressly for the use of Steam Fire Engines, and will stand a pressure of 400 pounds per square inch. Officers of Fire Departments, requiring New Hose, will find this much superior in strength and quality to any other.

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A composition of rubber and emery, making a very hard uniform substance of the nature of stone throughout. These wheels, for grinding and polishing metals, "gumming" saws, etc., are the most economical and effective tools that can be used.

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It is rich in ALUMINA, is very PLASTIC, and very ADHESIVE to the Pulp. It gives also what the more *expensive* English Clay does not, a fine

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(SUCCESSORS TO WHITE, SHEFFIELD & CO.)

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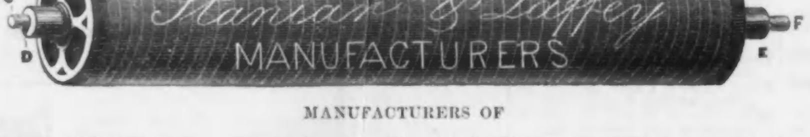

MANUFACTURERS OF

DANDY ROLLS, CYLINDERS,

AND

Fourdrinier Wires.

Washer and Duster Cloth, Wire Rope, Backing & Faces, Winding Wire.

53 FULTON STREET, NEW YORK.

FACTORY, EAST NEWARK, N. J.

Nugent & Coghlan's Improved Bed-Plate.

Patented July 30th, 1872.

To show the *necessity* of our "*Improved Bed Plate*" in connection with our "Pulp Propeller," we quote from an article written by a practical paper maker, OLIVER WOODWORTH:

"Paper makers seem never to reason that an engine 20 feet long requires the pulp to pass—from the time it leaves the roll until it comes round again—nearly 50 feet doing nothing, while the pulp next the midfellow runs only 20 feet, thus the inside of the engine is beat about three times to the outside once; add to this that a roll 48 inches long will bear with much greater force on the end next the midfellow, and you have the pulp on the inside beat short, while the outside is but half stuff. Let any one using large Beating Engines try the pulp from both inside and outside of his tub, and he will see a vast difference in the length of it, without any way of remedying it."

Our "*Improved Plate*" remedies this great trouble in grinding Paper Pulp. Our improvement consists, first, in gradually increasing the number of knives in the bed-plate from the end adjacent to the midfellow to the end abutting against the outer wall or rim of the tub, so as to obtain a gradually increasing cutting surface from the inner to the outer end of the bed-plate, to compensate in the difference in the number of times the stock in different parts of the tub passes over the bed-plate in a given time, the object being to produce pulp of uniform quality throughout the tub. Second, in the employment of angular knives, the angle of which, or the line toward which they converge, is located nearest the outer wall of the tub, so that the increased velocity given to the stock, by drawing it rapidly toward this line, shall be made available in increasing the speed of the stock traveling near the wall or rim of the tub.

The proof of the Value of our Plate is here. Previous to the advent of our Plate we were obliged to stir our Pulp-dresser on the machine at least once every hour, and then taking out strings, long stuff, &c., at the rate of a half barrel per day; since we commenced using our Improved Plate we don't stir our Pulp-dresser once in 12 hours, and then take out little else than dirt—one half of one handbowl full. *We wish no one to pay for these articles until they try them, and if they do not prove satisfactory they are at liberty to return them.*

We are convinced that this plate is the best Bed-Plate known to paper-makers for making uniform pulp.

For further information, address,

THOMAS NUGENT & CO.,

Whippany, Morris Co., N. J., Patentees.

TAYLOR, STILES & CO.,

Musconetcong P. O., Warren Co., N. J.,

MANUFACTURERS OF

Paper Mill Engine Fly Bars

AND BED PLATES,

RAG CUTTER KNIVES, TRIMMING KNIVES FOR

Sheridan's, Sanborn's, Rhehl's and other Trimming Presses,

Straw Cutter Knives for Paper Mills,

AND PATTERN KNIVES GENERALLY.

Our Improved Combination BED-PLATE has superior advantages over all others. It is SELF-SHARPENING, being made of BEST QUALITY Sheet Steel of any desired thickness. It BEATS FAST, makes GOOD STUFF, and requires less care on part of engineer than any other plate, and if not found satisfactory after a trial of 60 days, IT CAN BE RETURNED, and the MONEY WILL BE REFUNDED.

R. R. AND TELEGRAPH STATION, RIEGELSVILLE, N. J.

ESTABLISHED 1853.

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And Woolen Rags of all Descriptions.

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CHAIN RAG PRESS.

No Paper Mill Should be Without it.

It saves freight, as BALES go Fourth Class, while SACKS are charged First Class Rates. It saves room, is a safeguard against fire, and pays for itself in a very short time. Circulars will be sent to any part of the country upon application to

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Will send Price List upon Application.

All Felts sent out by us warranted to work well; if not, may be returned.

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AND PACKERS OF ALL KINDS OF

Domestic Paper Stock,
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CONSTANTLY ON HAND IN LOTS AS WANTED.

White and Colored Shavings, Prints,
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THE AMES WOOD PULP MACHINE.

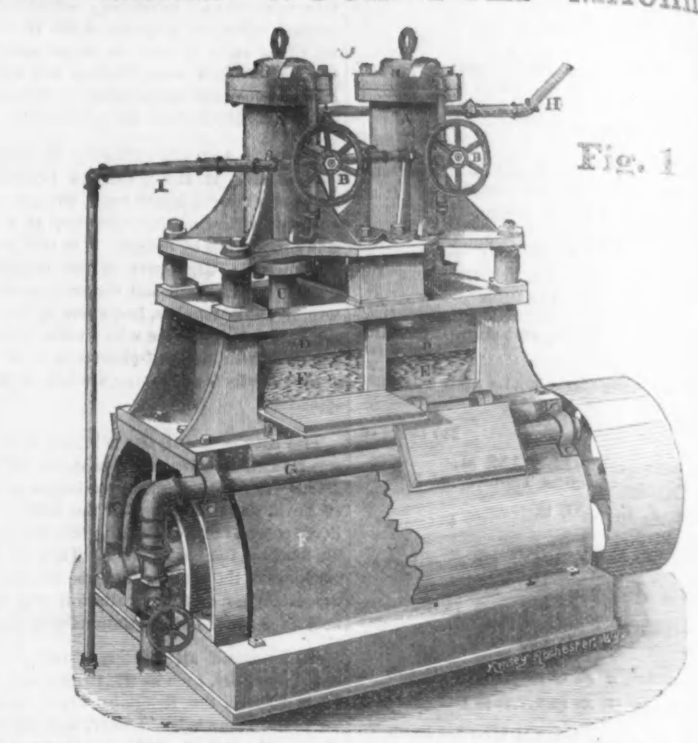

Fig. 1

A A in **Fig. 1** are the Steam Cylinders; C C the Piston Rod, and D D the Followers, which hold the wood, E E, with a firm though elastic pressure against the rapidly revolving Cylinder F, whose surface is cut like a fine "float" file by machine **Fig. 2**. In **Fig. 1** H is Steam Pipe, I Exhaust Pipe, B B "two-way" Steam Valves, G Shower Pipe.

The wood to be pulped is cut into pieces 14 inches long, bark removed and knots cut out, when ready for machine. Turning the Valve B with thumb and finger, so that steam enters on under side of Piston, the Follower D is lifted. Insert the wood, reverse Valve B, when steam is admitted to top of Piston, which is driven down against the wood instantly, and holds it firmly in its place until reduced to pulp. The Cylinder F is revolved 500, 600 and 700 revolutions per minute, according to amount of power applied. With 35 horse power these machines will produce 1,000 lbs. of pulp—dry weight—per day.

Fig. 2

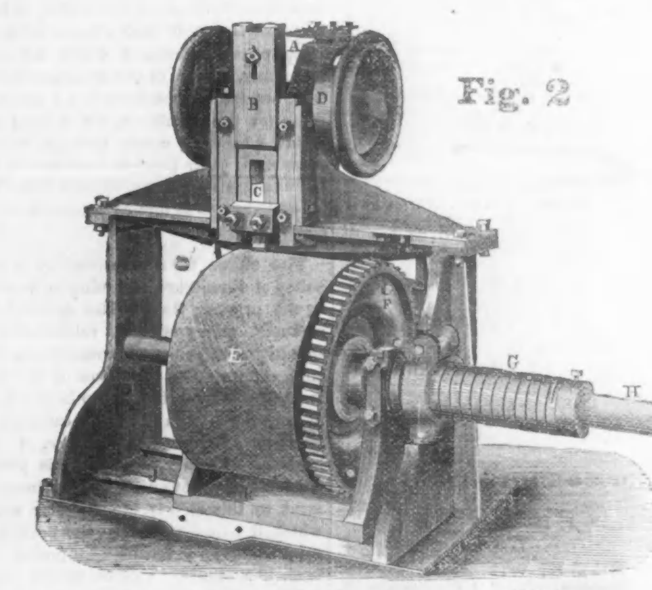

Fig. 2 is a machine for "cutting" the Cylinders of the Pulp Machine, when by long use they require it. This machine is so simple that description by letters is unnecessary. It will cut 24 to the inch, a cylinder 28 inches long and 24 inches in diameter, in 45 minutes—and a boy can run it.

The reliability of the statements concerning either of the machines can be easily attested by a visit to

Ames' Wood Pulp Works,

ROCHESTER, N. Y.

In Rochester Paper Company's Mills.

PAPER STOCK.

FOREIGN AND DOMESTIC PAPER STOCK,

Rags, Ropes, Bagging, Imperfections, Pure Manillas, Hardwares, and Commons,

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SOMETHING NEW IN PAPER MACHINERY.

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Corrugated Engine Roll & Bed Plate.

IT IS A WELL-KNOWN FACT with all paper manufacturers that there has been no improvement made in Paper Rag Engine Rolls since they first came into use, about the year 1750. After a series of experiments, we have perfected an Engine Roll and Bed that has many advantages and improvements over the ordinary Engine with straight Bars, some of which we will enumerate:

MORE CAPACITY AND BEATING SURFACE; TAKES LESS POWER; MORE STRENGTH; COSTS LESS MONEY; DOES NOT CLOG THE STUFF AT END OF ROLL, WHERE A LARGE AMOUNT OF POWER IS WASTED; THE KNIVES NEVER REQUIRE CHIPPING OR GET DULL; LESS LIABLE TO INJURY FROM IRON OR OTHER FOREIGN SUBSTANCES GETTING INTO THE ENGINE. CAN BE ATTACHED TO THE OLD SPINDLE IN A FEW HOURS.

Many improvements have been made in Beds, over the old Elbow Plates down to the Angular Bed Plates. We claim the same improvement on the Bed Plate, over all others, as on the Roll. They are made without bolts, giving more depth of steel or cutting surface, cost less money, and never get out of order.

We make the double or reversible Corrugated for the straight Bar Roll, which will keep the Bars of Roll on an even surface.

We can make the Rolls or Beds any desired thickness of steel wanted, or any number of Bars desired, in the bed or in the Roll.

The Corrugated Bed has the advantage over the Angular Bed—the Rolls are irregular the entire length, and leave no sharp corners at the bend of the Bar.

We fill our Beds with a water-proof filling; and the chemicals have no action on the filling, as they do when wood is used.

TAYLOR & BRIGHTMAN, Cleveland, Ohio.